

Mohammad Hadi Givianrad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6859752/publications.pdf>

Version: 2024-02-01

50
papers

750
citations

623734

14
h-index

580821

25
g-index

50
all docs

50
docs citations

50
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and application of a novel mesoporous SBA-15 sorbent functionalized by 2,4 dinitrophenylhydrazine (DNPH) for simultaneous removal of Pb(II), Cr(III), Cd(II) and Co(II) from aqueous solutions: Experimental design, kinetic, thermodynamic, and isotherm aspects. <i>Advanced Powder Technology</i> , 2022, 33, 103201.	4.1	10
2	A comprehensive study on removal of cadmium from aqueous solution by using mesoporous SBA-15 functionalized by 1,5-diphenyl carbazide: experimental design, kinetic, thermodynamic, and isotherm aspects. <i>Comptes Rendus Chimie</i> , 2021, 24, 43-59.	0.5	1
3	Improving the Barrier Properties of Food Packaging by Al ₂ O ₃ @TiO ₂ & Al ₂ O ₃ @SiO ₂ Nanoparticles. <i>Food and Bioprocess Technology</i> , 2021, 14, 1287-1300.	4.7	12
4	Characterization of a traditional ripened cheese, Kurdish Kope: Lipolysis, lactate metabolism, the release profile of volatile compounds, and correlations with sensory characteristics. <i>Journal of Food Science</i> , 2021, 86, 3303-3321.	3.1	9
5	Photodegradation of organic water pollutants under visible light using anatase F, N co-doped TiO ₂ /SiO ₂ nanocomposite: Semi-pilot plant experiment and density functional theory calculations. <i>Chemosphere</i> , 2021, 275, 129903.	8.2	23
6	Determination of paraquat in environmental samples using salt-assisted liquid-liquid extraction coupled with microchannel and HPLC. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, 100, 1325-1335.	3.3	11
7	Cu-S codoping TiO ₂ /SiO ₂ and TiO ₂ /SiO ₂ /Fe ₃ O ₄ core-shell nanocomposites as a novel purple LED illumination active photocatalyst for degradation of diclofenac: the effect of different scavenger agents and optimization. <i>Chemical Engineering Communications</i> , 2020, 207, 1536-1553.	2.6	6
8	Synthesis and characterization of visible light driven N ⁺ Fe ³⁺ -codoped TiO ₂ /SiO ₂ for simultaneous photoremoval of Cr (VI) and azo dyes in a novel fixed bed continuous flow photoreactor. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 705-716.	1.7	11
9	Electrochemical Sensing System Based on MnFe ₂ O ₄ /rGO for Simultaneous Determination of Trace Amount Pb ²⁺ and Cd ²⁺ in Spice Samples. <i>Russian Journal of Electrochemistry</i> , 2020, 56, 506-517.	0.9	3
10	Preparation of a novel Z-scheme g-C ₃ N ₄ /RGO/Bi ₂ Fe ₄ O ₉ nanophotocatalyst for degradation of Congo Red dye under visible light. <i>Diamond and Related Materials</i> , 2020, 109, 108008.	3.9	84
11	Purified compounds from marine organism sea pen induce apoptosis in human breast cancer cell MDA-MB-231 and cervical cancer cell Hela. <i>European Journal of Pharmacology</i> , 2020, 877, 173075.	3.5	23
12	Salt-assisted liquid-liquid extraction in microchannel. <i>Journal of Separation Science</i> , 2019, 42, 3217-3224.	2.5	19
13	Simultaneous reduction of Cr (VI) and degradation of azo dyes by F-Fe-codoped TiO ₂ /SiO ₂ photocatalysts under visible and solar irradiation. <i>Canadian Journal of Chemistry</i> , 2019, 97, 659-671.	1.1	7
14	Synthesis of N-doped TiO ₂ /SiO ₂ /Fe ₃ O ₄ magnetic nanocomposites as a novel purple LED illumination-driven photocatalyst for photocatalytic and photoelectrocatalytic degradation of naproxen: optimization and different scavenger agents study. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 1254-1267.	1.7	14
15	A simple and effective synthesis of magnetic γ -Fe ₂ O ₃ @SiO ₂ @TiO ₂ Ag microspheres as a recyclable photocatalyst: dye degradation and antibacterial potential. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 949-960.	3.0	19
16	Chemical composition and thermal properties of Pistacia atlantica subsp. Kurdica gum. <i>Applied Biological Chemistry</i> , 2019, 62, .	1.9	8
17	Synthesis of N-F-codoped TiO ₂ /SiO ₂ nanocomposites as a visible and sunlight response photocatalyst for simultaneous degradation of organic water pollutants and reduction of Cr (VI). <i>Journal of Sol-Gel Science and Technology</i> , 2019, 89, 562-570.	2.4	9
18	Inducing Apoptosis of Cancer Cells Using Sea Pen Extract Which is Comparable to Cembrane Diterpene Sarcophine. <i>Iranian Journal of Pharmaceutical Research</i> , 2018, 17, 640-652.	0.5	1

#	ARTICLE	IF	CITATIONS
19	The effect of different molar ratios of ZnO on characterization and photocatalytic activity of TiO ₂ /ZnO nanocomposite. Journal of Saudi Chemical Society, 2016, 20, 373-378.	5.2	70
20	Effect of ultrafiltered milk permeate and non-dairy creamer powder concentration on low phenylalanine yoghurt's physicochemical properties during storage. Journal of Food Science and Technology, 2016, 53, 3053-3059.	2.8	8
21	Total mercury and arsenic concentrations in edible and non-edible tissues of Iranian tuna fish. Quality Assurance and Safety of Crops and Foods, 2015, 7, 509-515.	3.4	3
22	Effect of Churning Process on Heavy Metals in Cream, Butter and Butter Milk. Oriental Journal of Chemistry, 2015, 31, 1141-1146.	0.3	2
23	The Application of Differential Scanning Calorimetry As a Mean to Determine the Oxidative Stability of Vegetable Oils and its Comparison with Rancimat. Oriental Journal of Chemistry, 2015, 31, 1389-1394.	0.3	8
24	A Rapid Method for Detection of Refined Olive Oil as Adulterant in Extra Virgin Olive Oil by Differential Scanning Calorimetry. Oriental Journal of Chemistry, 2015, 31, 1735-1739.	0.3	12
25	Biosynthesis of Silver Nanoparticles Using Marine Sponge. Oriental Journal of Chemistry, 2015, 31, 1961-1967.	0.3	4
26	A Survey of The Effect of Some Heavy Metals in Plant on The Composition of the Essential Oils Close to Veshnaveh-Qom Mining Area. Oriental Journal of Chemistry, 2014, 30, 737-743.	0.3	0
27	Chemical Changes of Canola Oil During Frying Under Atmospheric Condition and Combination of Nitrogen and Carbon Dioxide Gases in the Presence of Air. JAOCS, Journal of the American Oil Chemists' Society, 2014, 91, 1903-1909.	1.9	6
28	Genetic algorithm-based wavelength selection in multicomponent spectrophotometric determination by PLS: Application on sulfamethoxazole and trimethoprim mixture in bovine milk. Journal of the Serbian Chemical Society, 2013, 78, 555-564.	0.8	7
29	Preparation and characterization of nanocomposite, silica aerogel, activated carbon and its adsorption properties for Cd (II) ions from aqueous solution. Journal of Saudi Chemical Society, 2013, 17, 329-335.	5.2	45
30	Preconcentration and determination of carbaryl and carbofuran in water samples using ionic liquids and in situ solvent formation microextraction. Analytical Methods, 2013, 5, 2406.	2.7	11
31	Chemical composition of oils from wild almond (<i>Prunus scoparia</i>) and wild pistachio (<i>Pistacia atlantica</i>). Grasas Y Aceites, 2013, 64, 77-84.	0.9	35
32	Chemical Composition of Iran's Pistacia atlantica Cold-Pressed Oil. Journal of Chemistry, 2013, 2013, 1-6.	1.9	32
33	Fatty Acid, Sterol and Tocopherol Compositions of P. scoparia and Pistacia atlantica Seed Oil. Asian Journal of Chemistry, 2013, 25, 4043-4046.	0.3	3
34	Microwave Assisted Synthesis of meso-Tetraphenylporphyrin and Its Application for Trace Metal Spectrophotometric Determination. Asian Journal of Chemistry, 2013, 25, 6102-6104.	0.3	0
35	Cloud Point Extraction for Assessment of Lead and Cadmium Levels of Somatic Cells in Raw Milk Using Graphite Furnace Atomic Absorption Spectrometry. Asian Journal of Chemistry, 2013, 25, 4685-4688.	0.3	0
36	Synthesis and Characterization of Al-TiO ₂ /ZnO and Fe-TiO ₂ /ZnO Photocatalyst and Their Photocatalytic Behaviour. Asian Journal of Chemistry, 2013, 25, 6635-6638.	0.3	5

#	ARTICLE	IF	CITATIONS
37	Effect of Additives on Characterization and Photocatalytic Activity of /ZnO Nanocomposite Prepared via Sol-Gel Process. International Journal of Chemical Engineering, 2012, 2012, 1-5.	2.4	24
38	Surfactant-assisted dispersive liquid-liquid microextraction followed by high-performance liquid chromatography for determination of amphetamine and methamphetamine in urine samples. Analytical Methods, 2012, 4, 1357.	2.7	50
39	Characterization and Assessment of Flavor Compounds and Some Allergens in Three Iranian Rice Cultivars during Gelatinization Process by HS-SPME/GC-MS. E-Journal of Chemistry, 2012, 9, 716-728.	0.5	11
40	Net Analyte Signal Standard Additions Method for Simultaneous Determination of Sulfamethoxazole and Trimethoprim in Pharmaceutical Formulations and Biological Fluids. E-Journal of Chemistry, 2012, 9, 680-692.	0.5	6
41	Assessment of flavor volatiles of modified Iranian rice cultivars during the gelatinization process. Chemistry of Natural Compounds, 2012, 48, 30-37.	0.8	5
42	Fatty acid and triacylglycerol compositions of Capparis spinosa seed oil. Chemistry of Natural Compounds, 2011, 47, 798-799.	0.8	7
43	Investigation of some compositional properties of Capparis spinosa seed oil growing wild in Iran from commercial utilization approach. Chemistry of Natural Compounds, 2011, 47, 428-430.	0.8	3
44	H-point standard additions method for simultaneous determination of sulfamethoxazole and trimethoprim in pharmaceutical formulations and biological fluids with simultaneous addition of two analytes. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 78, 1196-1200.	3.9	24
45	Effect of canned tuna fish processing steps on lead and cadmium contents of Iranian tuna fish. Food Chemistry, 2010, 118, 525-528.	8.2	45
46	Zinc and copper concentrations in human milk and infant formulas. Iranian Journal of Pediatrics, 2010, 20, 53-7.	0.3	14
47	Determination of total and methyl mercury in human permanent healthy teeth by electrothermal atomic absorption spectrometry after extraction in organic phase. Talanta, 2007, 71, 1319-1325.	5.5	24
48	Assessment of some elements in human permanent healthy teeth, their dependence on number of metallic amalgam fillings, and interelements relationships. Biological Trace Element Research, 2007, 116, 155-169.	3.5	3
49	Methylmercury determination in biological samples using electrothermal atomic absorption spectrometry after acid leaching extraction. Analytical and Bioanalytical Chemistry, 2006, 386, 1407-1412.	3.7	11
50	S-N codoping TiO ₂ /SiO ₂ and TiO ₂ /SiO ₂ /Fe ₃ O ₄ core-shell nanocomposites as a novel purple LED light driven photocatalyst for degradation of paracetamol: optimization and different scavenger agents study. , 0, 166, 144-157.		2